

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

What is claimed is:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Currently Amended) [The method according to claim 3, further comprising] A method for reducing transmitter emissions, the method comprising:

partitioning an encoder block into at least a first group of encoder processing cells and a second group of encoder processing cells;

partitioning a DAC block into at least a first group of DAC processing cells and a second group of DAC processing cells;

coupling said at least said first group of encoder processing cells with said at least said first group of DAC processing cells and said at least said second group of encoder processing cells with said at least said second group of DAC processing cells;

clocking said first group of encoder processing cells using a first clock signal and said second group of encoder processing cells using a second clock signal;

grouping at least a portion of odd cells of said encoder block into said first group of encoder processing cells;

grouping at least a portion of even cells of said encoder block into said second group of encoder processing cells; and

grouping at least a remaining portion of said odd cells of said DAC block into said first group of DAC processing cells.

~~2~~ 5. (Original) The method according to claim ~~4~~ 1, further comprising grouping at least a remaining portion of said even cells of said DAC block into said second group of DAC processing cells.

~~3~~ 6. (Original) The method according to claim ~~5~~ 2, further comprising processing an output of each of said odd cells of said first group of encoder processing cells by a corresponding one of said odd cells of said first group of DAC processing cells.

~~4~~ 7. (Original) The method according to claim ~~6~~ 3, further comprising processing an output of each of said even cells of said second group of encoder processing cells by a corresponding one of said even cells of said second group of DAC processing cells.

~~5~~ 8. (Original) The method according to claim ~~7~~ 4, further comprising aggregating an output of each of said even DAC processing cells and said odd DAC processing cells to create a reduced emissions output signal.

~~6~~ 9. (Original) The method according to claim ~~8~~ 5, further comprising low pass filtering said aggregated output.

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

74.

(Currently Amended)

[The machine-readable storage according to

claim 13,] A machine-readable storage having stored thereon, a computer program having at least one code section for reducing transmitter emissions, the at least one code section being executable by a machine for causing the machine to perform steps comprising:

partitioning an encoder block into at least a first group of encoder processing cells and a second group of encoder processing cells;

partitioning a DAC block into at least a first group of DAC processing cells and a second group of DAC processing cells;

coupling said at least said first group of encoder processing cells with said at least said first group of DAC processing cells and said at least said second group of encoder processing cells with said at least said second group of DAC processing cells;

clocking said first group of encoder processing cells using a first clock signal and said second group of encoder processing cells using a second clock signal;

at least code section for grouping at least a portion of odd cells of said encoder block into said first group of encoder processing cells, said at least one grouping code section groups at least a portion of even cells of said encoder block into said second group of encoder processing cells and wherein said at least one grouping code section groups at least a remaining portion of said odd cells of said DAC block into said first group of DAC processing cells.

~~8~~
~~15.~~ (Original) The machine-readable storage according to claim ~~14~~,
wherein said at least one grouping code section groups at least a remaining portion of
said even cells of said DAC block into said second group of DAC processing cells.

~~9~~
~~16.~~ (Original) The machine-readable storage according to claim ~~15~~, further
comprising at least one code section for processing an output of each of said odd cells
of said first group of encoder processing cells by a corresponding one of said odd cells
of said first group of DAC processing cells.

~~10~~
~~17.~~ (Original) The machine-readable storage according to claim ~~16~~,
wherein said at least one processing code section processes an output of each of said
even cells of said second group of encoder processing cells by a corresponding one of
said even cells of said second group of DAC processing cells.

~~11~~
~~18.~~ (Original) The machine-readable storage according to claim ~~17~~, further
comprising code for aggregating an output of each of said even DAC processing cells
and said odd DAC processing cells to create a reduced emissions output signal.

~~12~~
~~19.~~ (Original) The machine-readable storage according to claim ~~18~~, further
comprising code for low pass filtering said aggregated output.

~~13~~
~~20.~~ (Original) The machine-readable storage according to claim ~~19~~, further
comprising code for generating said second clock signal as a delayed version of said
first clock signal.

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

14
24.

(Currently Amended)

[The system according to claim 23,] A system

for reducing emissions transmitter, the system comprising:

an encoder block partitioned into at least a first group of encoder processing cells and a second group of encoder processing cells, wherein said first group of encoder processing cells comprising at least a portion of odd cells of said encoder block and wherein said second group of encoder processing cells comprises at least a portion of even cells of said encoder block;

a DAC block partitioned into at least a first group of DAC processing cells and a second group of DAC processing cells;

said at least said first group of encoder processing cells being coupled with said at least said first group of DAC processing cells and said at least said second group of encoder processing cells being coupled with said at least said second group of DAC processing cells; and

at least one clock generator adapted to generate a first clock signal for clocking said first group of encoder processing cells and a second clock signal for clocking said second group of encoder processing cells;

wherein said first group of DAC processing cells comprises at least a remaining portion of said odd cells of said DAC block.

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(Original)

The system according to claim 24, wherein said second group of DAC processing cells further comprises at least a remaining portion of said even cells of said DAC block.

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(Original)

The system according to claim 25, wherein,

an output of each of said odd cells of said first group of encoder processing cells is coupled to an input of a corresponding one of said odd cells of said first group of DAC processing cells; and

an output of each of said even cells of said second group of encoder processing cells is coupled to an input of a corresponding one of said even cells of said second group of DAC processing cells.

~~17~~ 27. (Original) The system according to claim ~~26~~¹⁶, further comprising an aggregator adapted to aggregate an output of each of said even DAC processing cells and said odd DAC processing cells to create a reduced emissions output signal.

~~18~~ 28. (Original) The system according to claim ~~27~~¹⁷, further comprising a low pass filter adapted to low pass filter said aggregated output.

29. (Cancelled)

30. (Cancelled)

31. (Cancelled)

32. (Cancelled)

33. (Cancelled)